

PATENT APPLICATION

**RESPONSE UNDER 37 CFR §1.116
EXPEDITED PROCEDURE
TECHNOLOGY CENTER ART UNIT 3748**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Takamitsu ASANUMA et al.

#14/C
Group Art Unit: 3748

Application No.: 09/904,875

Examiner: T. Nguyen
12/19/02

Filed: July 16, 2001

Docket No.: 110108

For: DEVICE FOR PURIFYING THE EXHAUST GAS OF AN INTERNAL
COMBUSTION ENGINE

Approved for Entry
12/27/02

AMENDMENT AFTER FINAL REJECTION UNDER 37 CFR §1.116

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

In reply to the September 24, 2002, Final Rejection, please amend the above-
identified application as follows:

IN THE CLAIMS:

Please replace claims 3 and 4 as follows:

3. (Amended) A device for purifying the exhaust gas of an internal combustion
engine, comprising:

a particulate filter arranged in the exhaust system, which carries a catalyst for
absorbing and reducing NO_x, said catalyst absorbing NO_x when the air-fuel ratio in the
surrounding atmosphere thereof is lean and releasing the absorbed NO_x to purify NO_x by
reduction when said air-fuel ratio is stoichiometric or rich;

a catalytic apparatus for purifying NO_x arranged in the exhaust system
upstream of said particulate filter, which carries said catalyst for absorbing and reducing
NO_x; and

PATENT APPLICATION

OLIFF & BERRIDGE, PLC
P.O. B x 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400
Faxsimile: (703) 836-2787

Attorney Docket No.: 110108

AMENDMENT TRANSMITTAL

In re the Application of

Takamitsu ASANUMA et al.

Group Art Unit: 3748

Application No.: 09/904,875

Examiner: T. Nguyen

Filed: July 16, 2001

For: DEVICE FOR PURIFYING THE EXHAUST GAS OF AN INTERNAL
COMBUSTION ENGINE

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- Entitlement to small entity status is hereby asserted.
 Small entity status of this application has been established.

The filing fee has been calculated as shown below:

(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY	OTHER THAN A SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ADD'L FEE
TOTAL CLAIMS	*8 MINUS	**20	=0	x 9 \$
INDEP CLAIMS	*4 MINUS	***3	=1	x 42 \$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+140 \$
				\$
				OR
				RATE ADD'L FEE
				x 18 \$
				x 84 \$ 84
				OR +280 \$
				\$ 84

* If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

- Check No. 137383 in the amount of \$84.00 is attached. The Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

DEPOSIT ACCOUNT USE AUTHORIZATION
Please grant any extension necessary for entry;
Charge any fee due to our Deposit Account No. 15-0461

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Paul Tsou
Registration No. 37,956

JAO:PT/ale

Date: December 18, 2002

RECEIVED
DEC 18 2002
TECHNOLOGY CENTER 3700